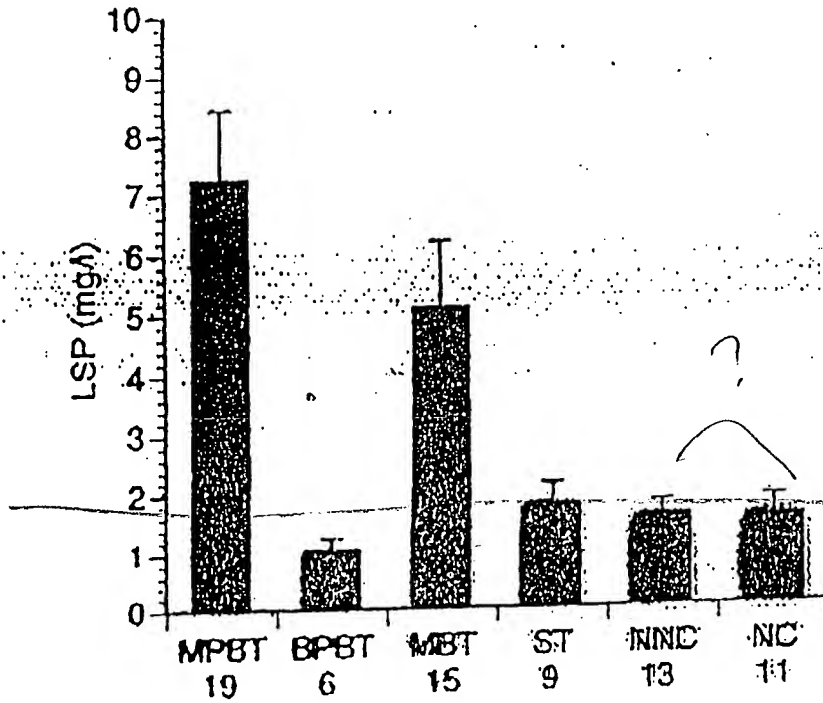


**FIG. 1**

LSP in the CSF of patients with  
and without brain tumors

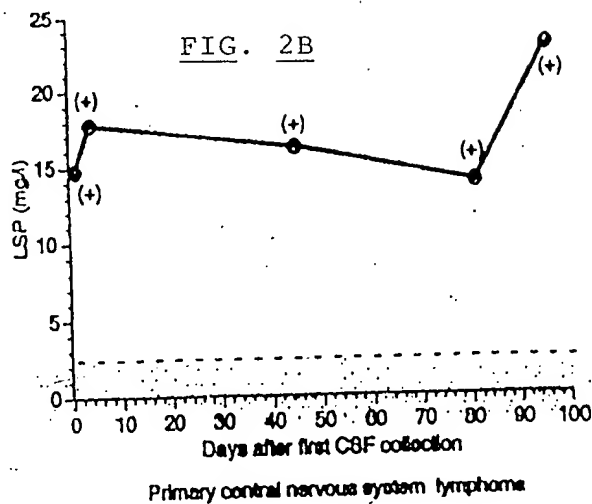
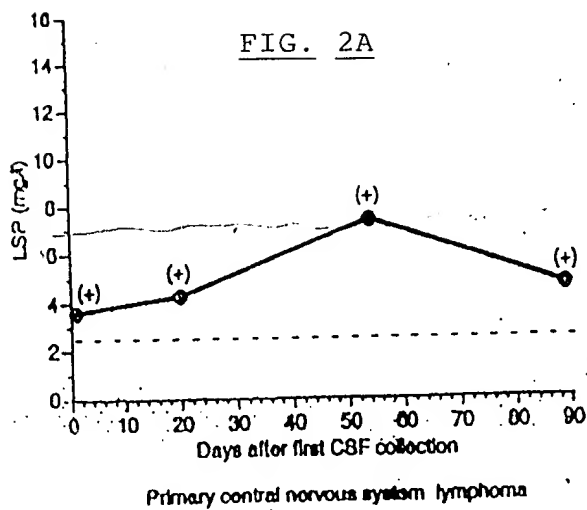


- MPBT : Malignant primary brain tumors ✓
- BPBT: Benign primary brain tumors
- MBT: Metastatic brain tumors ✓
- ST: Systemic tumors without brain metastasis.
- NNC: Nonnormal neurologic controls
- NC: Neurologic controls

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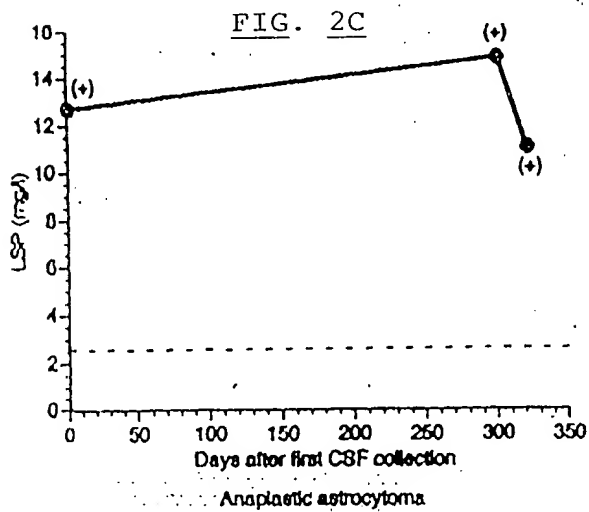
FIG. 2

LONGITUDINAL STUDIES OF PATIENTS  
UNDER TREATMENT

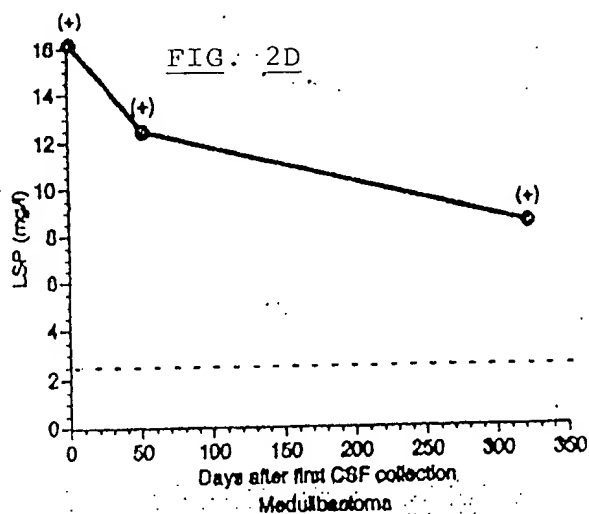


(+): positive CSF cytology  
(-): negative CSF cytology

(+): positive CSF cytology  
(-): negative CSF cytology



(+): positive CSF cytology  
(-): negative CSF cytology

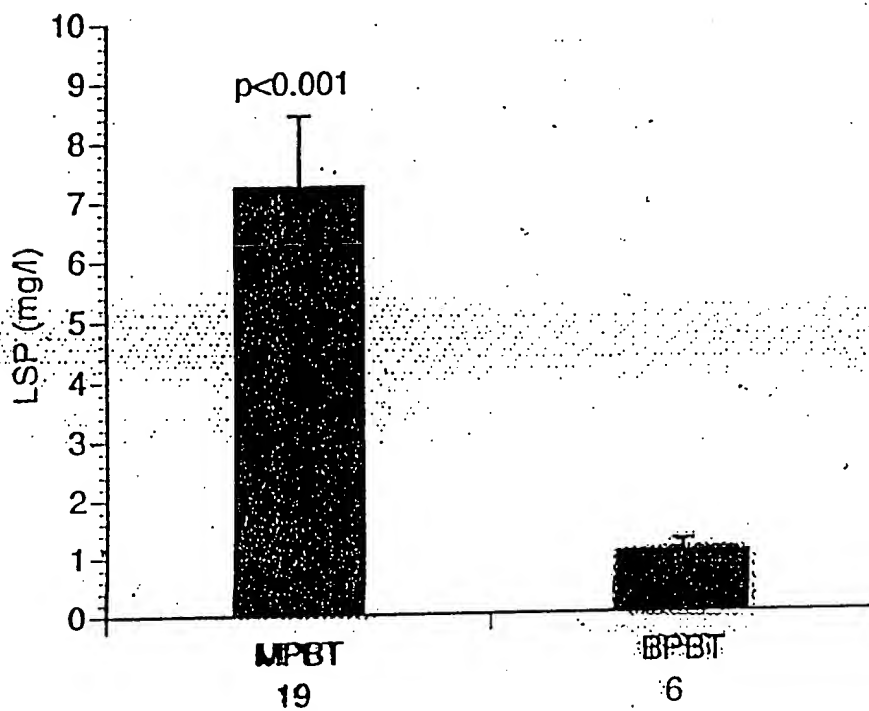


(+): positive CSF cytology  
(-): negative CSF cytology

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FIG. 3

LSP in the CSF of patients with malignant and benign primary brain tumors

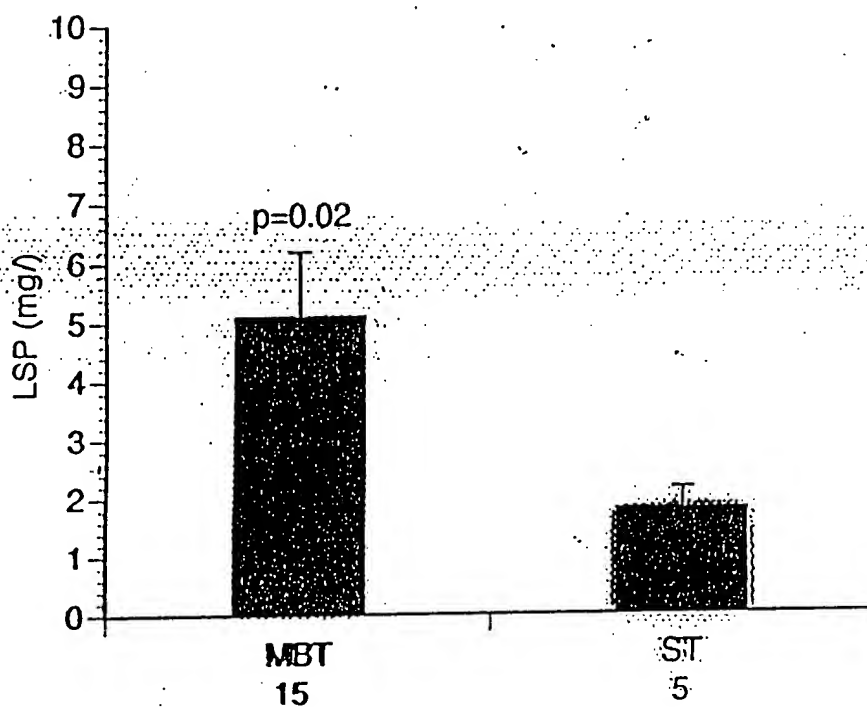


MPBT: Malignant primary brain tumors  
BPBT: Benign primary brain tumors

fig 6

**FIG. 4**

LSP in the CSF of patients with systemic tumors with and without brain metastasis



MBT: Metastatic brain tumors  
ST: Systemic tumors without brain metastasis

**FIG. 5**

LSP in the CSF of patients with HIV and  
toxoplasmosis and patients with lymphoma

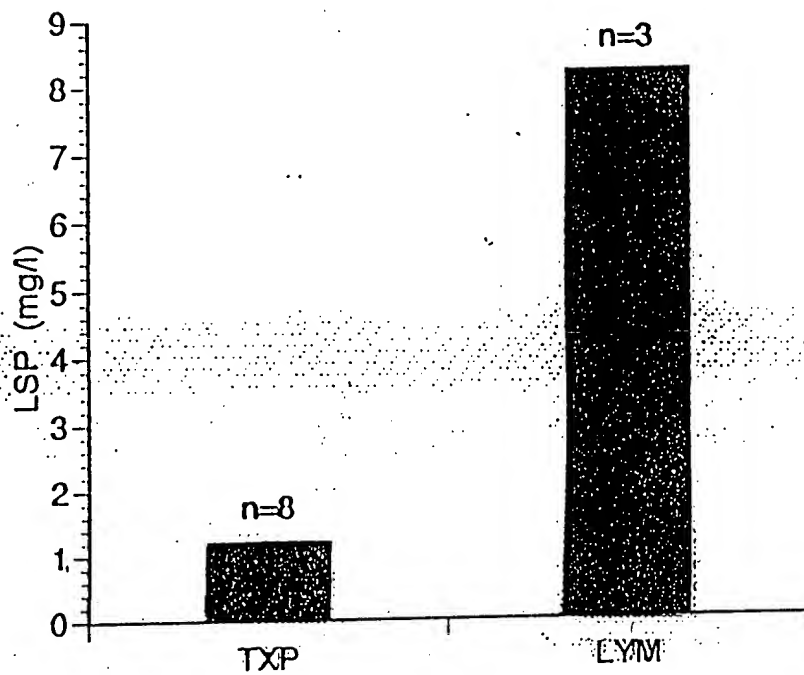
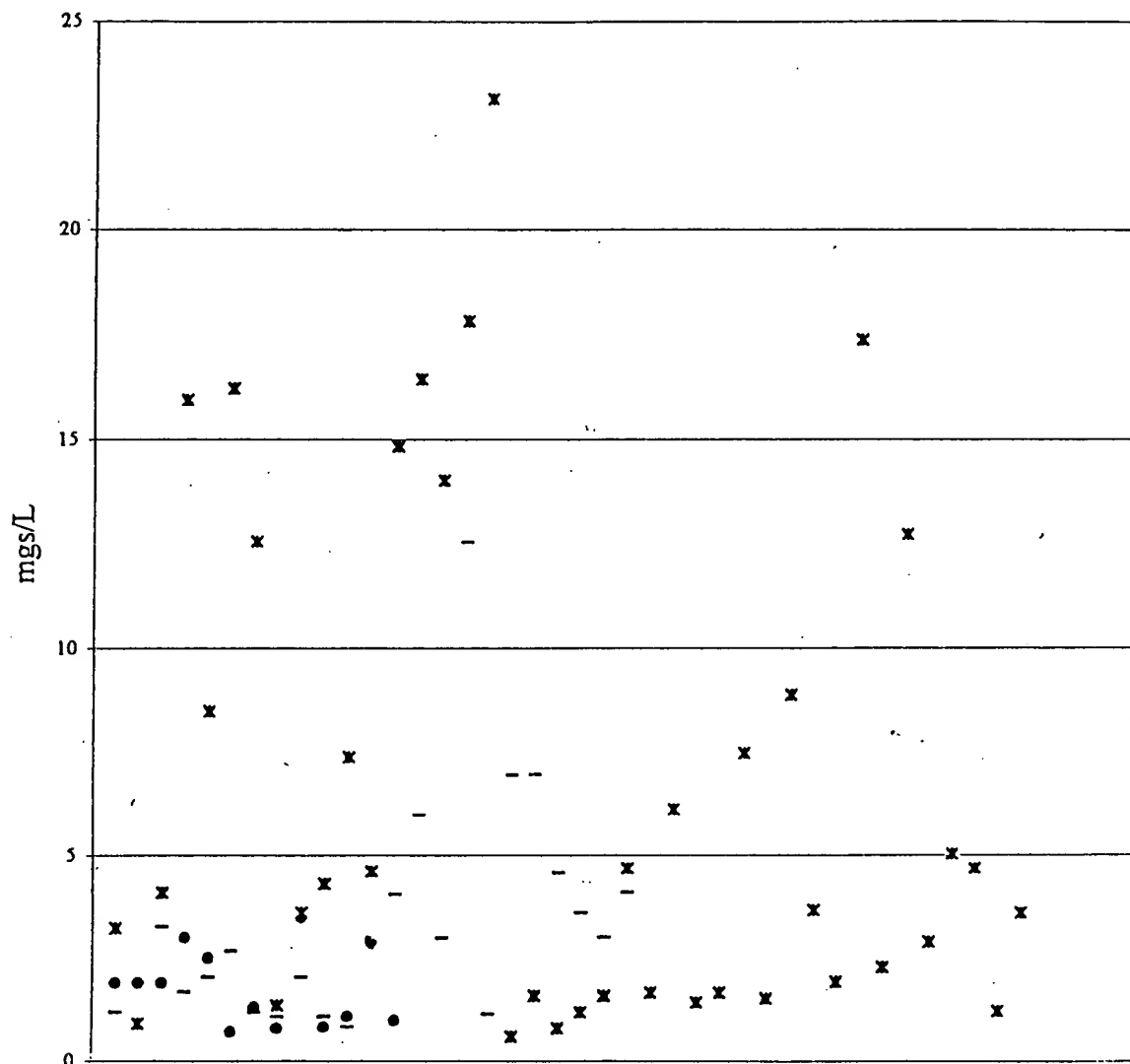


FIG. 6

LSP



- Control Samples Dizziness, Headaches, Strokes, Comatose, Other
- Patient Samples: Lyme Disease, Alzheimer's, Meningitis, Other (not Cancer)
- × Patient Samples: Malignancies in Different Stages

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